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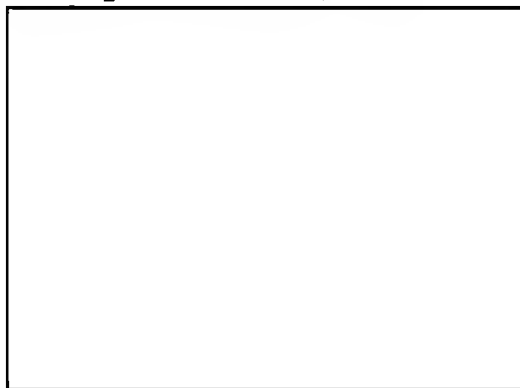
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OJCS 1434-75
5 JUN 1975

MEMORANDUM FOR: CAMS Steering Group

SUBJECT : Minutes of CAMS Steering Group Meeting,
27 May 1975

PRESENT : Harry Fitzwater, OJCS



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1. [] opened the meeting with a review of Task completions. He reported Tasks 23.4, 23.7, 24.1, and 24.2 completed (attached schedule). [] asked for clarification of the Initial Load Map (Task 24.1). Mr. [] described the relation of the initial load map to the data base. [] also reported that a proposal for GIM-II enhancement was received from [] and that a work statement was completed for work to be done by []. Work on the Engineering Notebook is about 90 percent complete. The system walk through task was delayed until the system design document is complete. Evaluation of the system and the documentation then will be finished. Some data acquisition tasks for the next development phase have been started.

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2. Mr. Fitzwater set 20 June 1975 as the date for completion of Task 25.5, publication of draft for Preliminary Design Review, and 3 July 1975 as the date for completion of Task 25.6, Preliminary Design Review. A half-day session will be scheduled on 3 July and members of the Steering Group were requested to review the draft before this date. OJCS representatives maintained that some well-defined, but time consuming tasks should be started before the review of Phase II has been completed. There was some discussion on this point.

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25X1 3. [] asked what the Preliminary Design Review document would look like. [] responded with a copy of the draft outline. [] was also concerned about having sufficient time to review the draft. [] reminded the Group that we have a tight schedule and Mr. Fitzwater cautioned that we should limit reviews to major steps, or we would continue to slip our schedule.

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25X1 4. A discussion of what has been agreed to concerning initial requirements was carried on between [] and []. [] assured the Group that the specifics of the Initial Operating Capability (IOC) would be contained in the Preliminary Design Review document.

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25X1 5. Mr. Fitzwater reported that the OJCS Hardware Plan had been approved by the DCI. This led to a discussion of the criteria and justification for using the IBM Model 67 in OJCS exclusively for CAMS. [] was concerned that the Model 67 had too much capacity. Messrs. [] and [] stated that OJCS projections, based on experience with current GIM-II applications and predicted CAMS workload, were that GIM-II would use 700K bytes of memory in the most efficient configuration. This, coupled with non-terminal batch background programs and the IBM Operating System requirements, may well exceed the one million byte memory capacity of the Model 67 as currently configured. It was agreed that:

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a. Security relative to terminals was the primary criteria for selecting the Model 67.

b. The availability of the Model 67 was the second consideration (OJCS owns it).

c. Third was the assurance of good response to terminal users.

25X1 6. Mr. Fitzwater reported that he had sent a memorandum requesting [] concurrence to use [] contractors paid from CAMS funds to replace OJCS staff employees being used on CAMS. A general discussion of the desirability of using OJCS personnel on CAMS followed. [] requested that he and Mr. Fitzwater discuss the matter privately. Mr. [] projected a cadre of eight people working on CAMS with a maximum of fourteen being used during development. The requirement on [] was estimated at 12-14 man-years.

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25X1 7. At this point the published agenda items had been covered.

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25X1 8. [] had questions in the area of data base
 25X1 management system selection, especially as related to GIM-II
 vs. IMS. [] reported that the selection team's records
 indicate that GIM-II and IMS were very close technically.
 With the proposed GIM-II enhancements from [] GIM-II will 25X1
 have a definite edge. The other considerations in the selec-
 tion were Agency experience and training in GIM-II. [] 25X1
 also reviewed some mandatory items which IMS could not pro-
 vide. Mr. Fitzwater concluded with the fact that adding a
 new and unfamiliar software system adds an additional degree
 of complexity to the software which OJCS must support.

25X1 9. [] asked what is the toughest problem for
 25X1 CAMS. [] replied that the Interface is, from a sched-
 uling standpoint, but that ensuring predictable response is,
 from a technical standpoint. [] stated that deter- 25X1
 mining the scope of the project is a tough area and [] 25X1
 stated that the Interface is also a tough technical problem.

10. Mr. Fitzwater asked that he and [] be briefed 25X1
 immediately following the CAMS Interface meetings scheduled
 in early June 1975.

11. The next meeting will be on 24 June from 1000 to
 1100 hours in room 2E-29.

[] 25X1

Secretary
 CAMS Steering Group

Attachment: a/s

cc: DD/A

25X1 CONCUR: []

Chairman, CAMS Steering Group

5 June 1975
 Date

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Preliminary System Design

1.0 Introduction

Current status, IOC definition, incremental development

1.1 General Concept

1.2 Applicable Documents

2.0 System Description

2.1 General Outline

2.1.1 Major System Parts

2.1.2 Block Diagrams

2.1.3 Data Base Summary

2.2 External Interfaces

2.2.1 Inputs

2.2.2 Outputs

2.3 Interactive Features

2.3.1 Retrieval/Review

2.3.2 New Targets

2.3.3 Requirements

2.3.4 Comments/Voting

2.3.5 Tasking

2.3.6 Time Dominated Actions

2.3.7 Inter Terminal Communications

2.3.8 Job Initiation

2.4 Batch Features

2.4.1 Accomplishments Updating

2.4.2 Area Coverage Processing

- 2.4.3 IOC File Handling
- 2.4.4 Reporting
- 2.5 System Control Features
 - 2.5.1 Backup
 - 2.5.2 Master Terminal
 - 2.5.3 Security
- 3.0 Hardware Summary
 - 3.1 Computer
 - 3.2 Terminals
 - 3.3 Communications
- 4.0 Software Summary
 - 4.1 Software Architecture
 - 4.1.1 GIM-II
 - 4.1.2 Job Initiation
 - 4.1.3 Batch Interface
 - 4.1.4 Batch Programs
 - 4.2 Other Required Software
 - 4.2.1 Reporting Package
 - 4.2.2 Data Base Initialization
 - 4.2.3 Communications Processors
 - 4.2.4 GIM-II Interface Handler
- 5.0 Initial Operating Capability
 - 5.1 Requirements vs. Sub-System Matrix
 - 5.2 Trade Off Studies
- 6.0 Project Development Plan
 - 6.1 Project Schedule
 - 6.2 Project Deliverables

6.3 Customer Responsibilities

6.4 Project Costs

6.5 Configuration Control

Appendices

A. Sub-System Descriptions

B. Interface Control Documents

C. Final Chapter of Requirements (IOC Baseline)

D. Documentation Plan

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